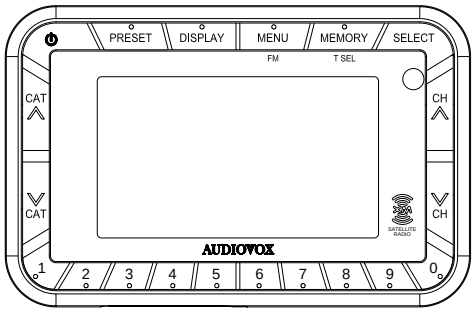
AUDIOVOX®
ELECTRONICS CORP.

SATELLITE RADIO

XR9 Satellite Radio Receiver

User Guide



128-7220

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Congratulations

You are one step closer to experiencing the latest innovation in XM Satellite Radio. XM will revolutionize your in-home or vehicle entertainment with:

- Over 130 channels of original programming, including –
  - 68 channels of 100% commercial-free music – guaranteed,
  - Over 60 channels of world-class sports, news, talk and information.

Your Audiovox XR9 receiver must be used with an adapter kit, such as the Audiovox Home Kit, Boom Box or Vehicle Kit as required by your specific installation needs. These kits are available at retailers where Audiovox main units are sold.

Audiovox Home Kit:	Part Number XH9
Audiovox Vehicle Kit:	Part Number XC9
Audiovox Boom Box:	Part Number XB9

Required subscription for service sold separately. Premium Channels available at additional monthly costs. Installation costs and other fees and taxes may apply, including a one-time activation fee. All fees and programming subject to change. College sports games subject to availability. Subscriptions subject to Customer Agreement included with the XM Welcome Kit and available at **xmradio.com**. Only available in the 48 contiguous United States.

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Cautions and Warnings

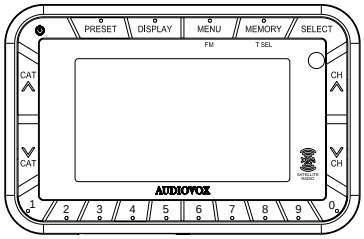
1. Do not install the XR9 in a position that hinders your view through the windshield, or obstructs viewing of the dashboard indicators and displays.
2. Do not install the unit where it may obstruct the operation or deployment of safety devices, such as airbags, etc.
3. Do not allow operation of the unit to detract from safe driving practices; remember that you are responsible as the vehicle operator to adhere to all safe driving and traffic regulations.
4. This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.
5. By adhering to these warnings and safety considerations, serious accidents and/or personal injury can be avoided.

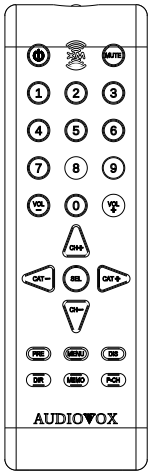
Introduction

The Audiovox XM XR9 Satellite Receiver processes the satellite signals received by the externally mounted antenna (purchased separately as part of the Home, Vehicle or Boom Box Kits). The XR9 recognizes and decodes the incoming XM® program information and provides an audio signal to your radio or other audio output equipment.

XR9 System Components

XM Receiver Model XR9, P/N144-2450





Remote Control Unit P/N136-3773

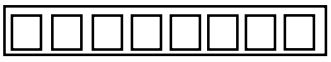
Batteries for Remote, (2) "AAA", P/N156-2215

NOTE: The XM® signal can be received and processed virtually anywhere as long as there are no obvious satellite signal obstructions such as nearby buildings, high terrain, parking garages or tunnels.
The XR9 is typically installed in an accessible location of the vehicle (dash area), consistent with line-of-sight operation of the remote control, and/or within easy reach of the driver. For home use, situate the XR9 close to your stereo receiving equipment.

Enjoying Your XM® XR9

You can begin to enjoy XM® Satellite Radio as soon as the XR9 and Kit installation are complete:

1. Set up your Audiovox XR9 using the installation instructions included in your Home Kit, Vehicle Kit or Boom Box Kit, or with the help of a professional installer.
   NOTE: Refer to Antenna Aiming (page 18) during the installation procedure.
2. When power is available to the unit, press the Power (⏻) button to turn on the XR9.
3. The XM logo ( ) appears on the display followed alternately by the XM preview channel. If this is the first time using the XR9, the screen will alternately display the Preview channel screen and a number of messages, including: "**Activate Your XM 1-800-XM RADIO**". If not, go to channel 1 using the CH Up/Down buttons.
4. To obtain the XM identification (ID) number, tune to channel 0 or press the MENU button. The **Main Menu** page appears with the **Radio ID** option highlighted. Press the SELECT button and the 8-digit XM ID number will appear. Write the number here for future reference.



5. Activate your XM® radio service ---- it's easy. You have one of two choices to activate your service:

   (a) Visit the website at **XMRadio.com** and click on the "Activate Radio" section. You will then need to follow some simple directions and provide XM with some basic information in order to activate your service.

(b) Call XM at 1-800-XM RADIO (967-2346). One of XMs friendly Customer Care representatives will take the necessary information and walk you through the activation process.

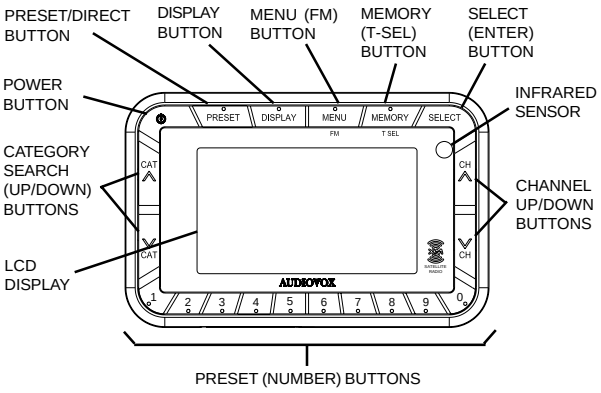
XM XR9 Controls

The Audiovox XM® XR9 Unit provides 10 control buttons and 10 number keys.

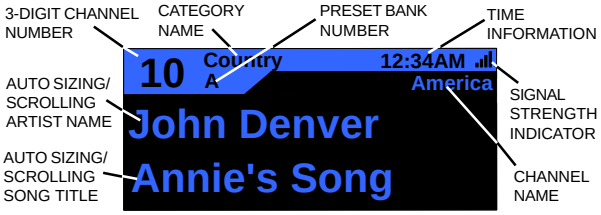
Power Button:

This button applies power to and removes power from the XM® XR9 as follows:

1. A momentary press of the power button turns on the receiver, and is accompanied by a confirmation beep tone. The XM logo/name ( ) initially appears on the LCD display for 3 seconds, followed by the Preview screen (if turned on for the first time), or by the tuning mode in effect when the unit was last powered off.
2. A momentary press of the power button turns off the receiver. While the unit powers down, the Audiovox logo appears for 2 seconds and the unit turns off.



Default Screen



Channel Up/Down Buttons and Select Button:
The CH ∧/∨ buttons are the primary controls for navigating through the various lists and option menus available on the unit. In the default mode, these buttons provide sequential tuning through the available program channels. The Up (∧) button, when pressed, tunes up one channel, while the Down (∨) button, when pressed, tunes down one channel. When in the list or menu mode, pressing the CH ∨ and ∧ scrolls down and up, respectively, through the various menus and lists. The current selection from the list will be highlighted on the display. When the item is highlighted, press the SELECT button to enter the selection.

Select Button:
In the default mode, when the SELECT button is pressed and held for at least 2 seconds, the channel listing appears. During normal operation, the SELECT button is used to confirm and/or enter desired functions.

Category Buttons:
The CAT ∧/∨ buttons allow the user to advance through the channel groups based on content category. By pressing the Channel Up/Down buttons, the user can then scroll up or down through the channels within that category. Once a choice has been made, it can be entered by pressing the SELECT button.

Memory Button (T SEL) Function:
This feature allows the user to capture and store the current program data information (Channel Name & Number/Artist & Song Title). You can store up to 30 Artist/Song Title combinations. The XR9 also has the capability to search the current incoming XM signal, and thereby alert you if it matches the Artist/Song title stored in XR9 memory.

Display Button:
The DISPLAY button allows the user to choose one of several ways of presenting the Artist, Song Title and data service information on the LCD screen.

Menu (FM) Button:
The MENU button is used to access "**Main Menu**" options which allows the user to make feature function adjustments to suit your own personal preferences. Upon entering the main menu mode, use the Channel Up/Down buttons to highlight the desired function and then press the SELECT button to enter. Pressing and holding the MENU button will enter FM Frequency setting mode which will allow you to quickly make frequency changes as required.

Preset Button:
Each momentary press of the PRESET button allows the user to switch between 3 banks of Channel presets (10 presets each **A**, **B**, and **C**, plus Direct (**Dir**) channel entry. When in any of the three preset banks, momentarily pressing any of the number buttons will recall the stored channel. In the Direct (Dir) mode, use the number buttons to directly enter the desired channel number.

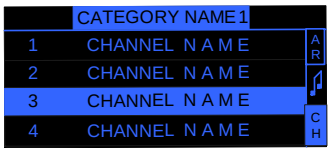
Keypad Buttons 0-9:
These buttons are used to directly enter a desired channel number. They are also used when entering and recalling preset channel numbers into memory.

Basic Operation

With the unit properly installed, activated and connected to your home or vehicle audio system, proceed as follows:

1. Press the Power button; the XR9 turns on and the XM logo appears for 3 seconds followed by the default display for the channel and tuning mode in effect prior to turnoff.
2. Press the Channel Up/Down buttons to select and play the desired channel, or use the Category Up/Down buttons to tune and select a desired channel based on genre.

Tuning By Category
When in **Category Tuning Mode**, each momentary press of the Category Up/Down Button(s) advances through the available Genres:

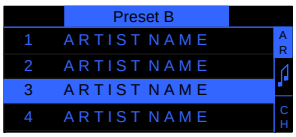


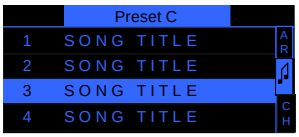
1. Using the CH Up/Down buttons to select the desired channel.
2. Press the SELECT button to select that channel.
3. Once the channel has been selected, the unit will revert to the default screen and your selection will be played.

Channel Listing Options
This feature allows you to view what is playing on other channels without having to change the current channel you are listening to. The content listing options are selected by using the DISPLAY button. When the default screen is displayed on the LCD, pressing and holding

the SELECT button will display all the available channel numbers and channel information. The first press will display the channel name. The second press of the DISPLAY button will display all currently available artists. The third press of the DISPLAY button will display song titles.
While viewing the Channel List, pressing the Display button changes Channel List to Artist List to Song List. The available content listing now displays information by the Artist Name.

The DISPLAY button is also used during category tuning. Consecutively pressing the DISPLAY button while tuning by category will display the Channel Name, Artist Name or Song Title within the selected category.
While the preceding screens are displayed, pressing the CH Up/Down buttons allow navigation through the list. When the desired selection is highlighted, press the SELECT button and your selection will be played.





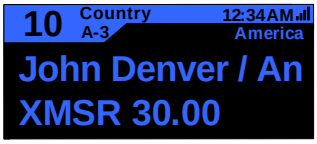
Direct Tuning
Channels can also be directly accessed by pressing the PRESET button until **Dir** appears; then use the 0-9 number keys to numerically enter the desired channel. Once the desired channel number has been entered, wait 3 seconds until the channel automatically plays.

Setting/Using Channel Preset Buttons
The unit contains 10 preset buttons. There are three banks of preset memory locations offering a total of 30 presets. These banks are designated A, B and C and can be selected using the PRESET button. The display in the upper left corner changes to show the corresponding Preset bank. Each bank will store 10 user-preferred channels.

Select the desired channel you wish to save into memory by using the CH Up/Down buttons, the direct tuning method or the category tuning method. With the desired channel playing, press and hold any of the numbered keypad buttons (0-9). A confirmation tone is heard, and a confirming message (**Channel Stored**) is displayed. Continue this procedure for storing all desired channels. To retrieve a preset channel, momentarily press and release the number button corresponding to the desired channel. A list of the preset channels can also be accessed through the category tuning method.

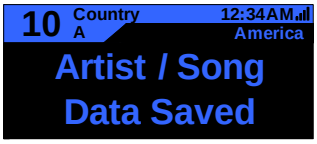
Display Button

Pressing the DISPLAY button from the Default display toggles between the artist name/song title screen, large letter format, or artist name/song title with data service ticker (sports, stock options, etc.) screen. When the letter size changes, the field will scroll. This feature is useful when viewing the display at a distance.



Memory Button (T SEL Function):
This feature allows the user to capture and store the current program data information (Artist & Song title) with up to 30 listings (30 Artist/Song Title combinations). The unit also has the capability to search the current incoming XM signal and alert the user when a saved song is being played.

1. While the XR9 is in any of the standard display modes, momentarily pressing and releasing the MEMORY button stores the current program data information within the unit's memory. A pop-up screen (**Artist/Song Data Saved**) appears for 1 second, confirming your selection.



2. By holding down the MEMORY button for 3 seconds, the stored memory information is displayed on the LCD screen in list format. Use the Channel Up/Down buttons to scroll through the 30 listings and press the SELECT button to view the information. This function allows you to recall information regarding the Artist/Song Title for your own personal review. To return to the default tuning mode press and hold the MEMORY button for 3 seconds.

NOTE: If a saved song is entered twice to the same memory location number, an **Already Stored** screen will appear

Momentarily pressing the SELECT button will exit the current artist/song title information and return to the memory list.

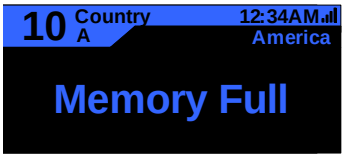
3. When the T SEL function is active, each time the XR9 is turned on, it automatically searches the incoming signal to determine if a match exists between the signal and the currently saved information stored in receiver memory. If one or more matches are found, an audible beep tone will be heard indicating that a match has been found. The display then reverts to the **Song Found** screen which displays the current matches. You can now select the Artist/Song that you wish to listen to.

a. If one or more matches are found, a display list appears, and allows you to scroll through the list of songs using the CH Up/Down buttons. Once a song is found, it can be selected by pressing the SELECT button, and the display will revert to either of the selected display modes.

b. If a selection is not chosen within 10 seconds after the last action, the screen will revert to the previously selected display and tuning mode.

NOTE: Play of the current selection will continue until a new selection is made.

4. If the MEMORY button is pressed to save a currently-playing selection, and all of the memory spaces are full, **Memory Full** will flash on the display for 1 second.



To delete a selection from memory, press and hold the Memory button to display the list; then highlight the selection you wish to delete using the Channel Up/Down buttons. Once highlighted, press the SELECT button to choose the song to be deleted. With the song and artist selection displayed, press the MEMORY button. A pop-up screen will appear (**Memory Delete**). Highlight **Yes** and press the SELECT button to delete the selection.

Menu Display Operations

To enter the Menu Options page, press the MENU Button. The **Main Menu** list will appear on the LCD display. Using the CH Up/Down buttons, highlight the option you wish to adjust and then press the SELECT button. The following options are available:

- **Radio ID**
- **Display Setting**
- **Audio Options**
- **FM Options**
- **Confirm Tone Option**
- **Lock Option**
- **Antenna Aiming**
- **Channel Add/Skip**
- **Memory Option**
- **Time Options**
- **Stock Options**
- **Info Extras**
- **Info Display Options**
- **Factory Default**

If, while in the menu screen function, a button is not pressed within 10 seconds from the previously selected function, the unit exits the menu screen function and reverts to the default screen display.

Menu Descriptions

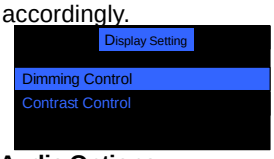
Radio ID
Displays your 8 digit XM ID number. No adjustments are allowed in this mode. To exit this option, press the SELECT or MENU buttons.

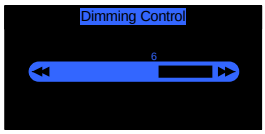
Display Setting
The following adjustments are possible:

Dimming Control
Contrast Control

To enter any of these modes, use the CH Up/Down buttons to highlight the option you wish to adjust and press the SELECT button. Upon entering either the contrast or dimming control, a 10-segment horizontal bar graph is displayed with left and right directional arrows.

The current numerical setting (1-10) is indicated above the bar graph. Pressing the CH Up/Down buttons adjusts the bar graph indication and function accordingly.





Audio Options

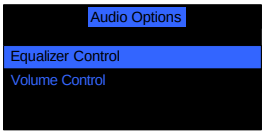
The following adjustments are possible:

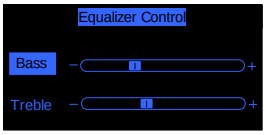
Equalizer Control

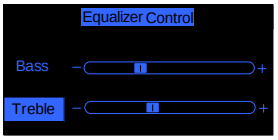
Volume Control

Upon selecting this option, use the Channel Up/Down buttons to highlight either option and press the SELECT button to enter.

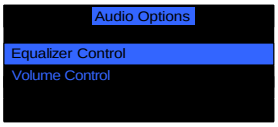
When Equalizer Control is selected, a dual graph appears representing Bass and Treble adjustments. Use the Channel Up/Down buttons to high light the desired function and press the Category Up/Down buttons to make the adjustment. When either settingis flat (Bass or Treble equalizer setting off) the indication will be at mid-range; any setting to the left (-) or right (+) indicates a respective decrease or increase in the Bass or Treble setting.

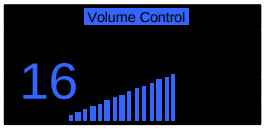






When Volume Control is selected, a 32-step (0-31) bar graph appears; adjust the volume using the CH Up/Down buttons. No button activity for 10 seconds will exit this function.





NOTE: To prevent distortion caused by overdriving the audio playback device input, it is recommended that you adjust the volume of the XR9 at mid-range.

FM Options

The following adjustments are possible:

NOTE: The internal wireless FM transmitter allows you to play the XR9 audio through any standard FM receiver, eliminating the need to hardwire connections.

FM On/ Off
Frequency Setting

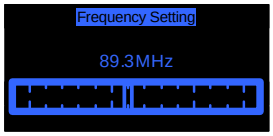
FM On/Off:

Upon entering this mode, press the CH Up/ Down buttons to toggle between the **FM ON** or **FM OFF** function/display selection. To select and/or exit this function, press the SELECT button. (No button activity for 10 seconds will exit this function.)

NOTE: It is recommended that you turn the FM Transmitter off if you are using the low level audio outputs in your particular application.

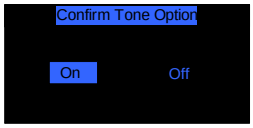
Frequency Setting:

Upon entering this mode, any FM transmitter frequency can be chosen using the CH Up/Down buttons for frequency selection. The FM frequency range from 88.1 to 107.9MHz is represented by a horizontal graph; use the Channel Up/Down buttons to select the desired frequency. Press the SELECT button to enter the new frequency setting, or press the MENU button to return to the menu options page with no change to frequency.



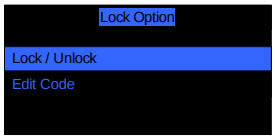
Confirm Tone Option

When this mode is entered, you are provided with an **On** or **Off** option whereby you can select whether or not a confirmation tone will be heard each time a preset button is pressed or an alert sounds. When the option is highlighted, press the SELECT button to enter.



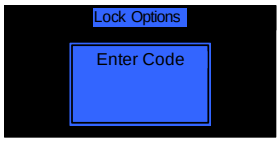
Lock Option

When this feature is selected, the following options appear on the display:



Lock/UnLock
Edit Code

Upon entering this mode, the user is prompted to enter a four digit numerical code that is used to lock/unlock channel access. Once the code has been entered, press the SELECT button; the channel list will be displayed with the current channel in play highlighted. Use the Channel Up/Down buttons to navigate the list and highlight the channel to be adjusted.

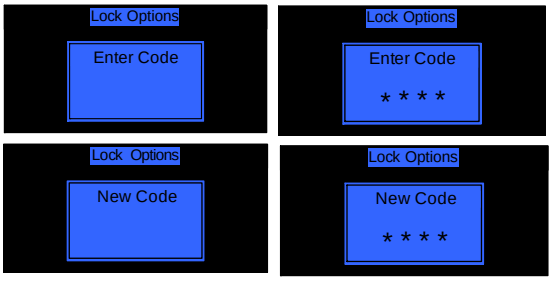


Once a channel has been highlighted, pressing the SELECT button displays a check mark (✓) next to the channel and prevents the channel from being accessible during any of the tuning modes. Locked channels can be accessed only by direct channel number entry, at which time the user will be prompted to enter the previously stored 4-digit code. Once the correct code has been entered (SELECT), the audio begins to play. The channel returns to the locked status if the channel is changed or the vehicle/unit is turned off (or by returning to this menu and going through the same process to return the channel to the list).

Lock/Unlock Default Code Function

The first time the lock/unlock function is accessed, the user must enter the default lock code. The default lock code is “0000”. This code can be maintained or changed. To change the default lock code perform the following procedure:

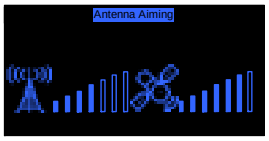
1. Press the MENU button to access the Main Menu.
2. Use the Channel Up/Down buttons to highlight the **Lock Option** and press the SELECT button.
3. Use the Channel Up/Down buttons to highlight **Edit Code** and press the SELECT button.
4. Enter the default code **0000** and press the SELECT button.
5. Enter new code using buttons 0-9.



6. Press the SELECT button.
7. Confirm the new code using buttons 0-9 and press the SELECT button.
8. The lock code is now changed.

Antenna Aiming (Home Installation)

Upon entering this mode, two 7-segment vertical bar graphs are displayed representing terrestrial (tower) and satellite transmitters. The signal strength is displayed by the respective graph segments. Position the antenna to optimize either the satellite or terrestrial signal.

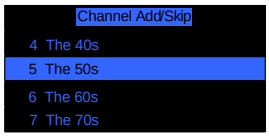


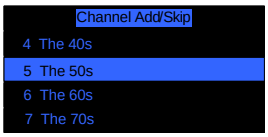
The current setting is indicated by number of bars in the graph. Moving the antenna location should maximize the number of bars in the respective graph, thus ensuring optimum reception. To exit this function, press the SELECT Button.

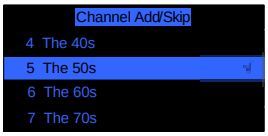
NOTE: Terrestrial repeaters are typically used in large urban areas where structures may affect the line of sight satellite signal. Terrestrial signals may not be available in your geographic location.

Channel Add/Skip

Upon entering this mode, a channel list is displayed with the current channel in play highlighted. Use the Channel Up/Down buttons to navigate the list and highlight the channel to be adjusted.







Once a channel has been highlighted, pressing the SELECT Button displays a check mark (✓) next to the channel, and prevents the channel from being accessible during any of the tuning modes. Skipped channels can only be accessed either through direct channel number entry or by returning to this menu and going through the same process to return the skipped channel to the list. Upon adding a channel, the check mark is removed from alongside the channel number/name.

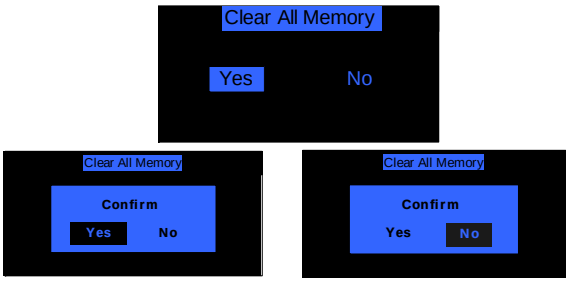
Memory Options

In this mode, the user can turn the Memory Search Function (T SEL) ON or OFF. In addition, all 30 Memory Locations can be cleared.

On the display, the top line displays the text, **Memory Options**.

The following adjustment options are possible:

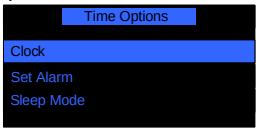
1. **Clear all Memory Locations**. Press the SELECT button; a prompt display screen appears confirming - **Are You Sure?** Select **Yes** or **No** and press the SELECT button.
2. **T Select On/Off Options**: - **All Off**, **All On, User Selected Only On.**
3. **T Select Search Options**: - **All**, **Artist Name**, **Song Title**



Time Options

The following adjustments are possible:

Clock
Set Alarm
Sleep Mode



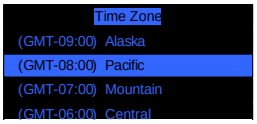
Upon entering this mode, use the Channel Up/Down buttons to highlight the desired function and press the SELECT button.

NOTE: No button activity for 10 seconds will also exit the desired (highlighted) function.

Clock

When entering this menu option, you can set up the clock shown on the default display, based on the format desired, the time zone in which you reside

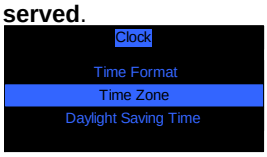
Daylight Savings Time, if used. The clock data is provided via the XM channel, and will update based on the received signal.



Time Format:
The clock format option provides:
12 Hour (Default)
24 Hour
Use the Channel Up/Down buttons to highlight the desired format and press the SELECT button.

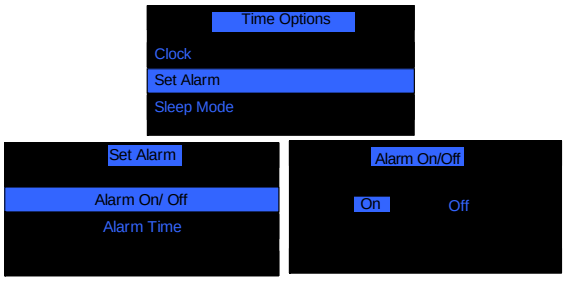
Time Zone:
The Time Zone option provides:
(GMT-9:00) Alaska
(GMT-8:00) Pacific
(GMT-7:00) Mountain
(GMT-6:00) Central
(GMT-5:00) Eastern
(GMT-4:00) Atlantic
(GMT-3:30) Newfoundland

Use the Channel Up/Down buttons to highlight the desired time zone and press the SELECT Button.
Daylight Savings Time (**DST**) Observance:
Activate this function if your area is subject to DST; press the Channel Up/Down buttons to toggle between **DST Observed** (default) or **DST Not Observed**.



NOTE: When the XR9 has not been turned on or has been removed from the docking port for any length of time be sure to position the antenna to receive the satellite signal so the time can be automatically updated. If the time information has been lost, the XR9 will not display the time information and preprogrammed alarms will not be triggered until the XR9 updates the time information using the satellite signal.

Set Alarm:
When this menu option is highlighted and selected, you will be able to set the unit to turn on at a specific time. The last selected channel prior to shutdown will be present when the Alarm feature is activated. Additionally, a series of beep tones will be heard.



Press any button on the front panel to silence the alarm tones. The alarm will trigger again at the set time unless the **Alarm Off** feature is selected under the **Set Alarm** function.

Set Alarm (Default-Off)
Use the Channel Up/Down buttons to toggle between **Alarm On** or **Alarm Off** and press the SELECT Button for desired alarm status. When the alarm is on, the time will be displayed on the default screen in reverse image.

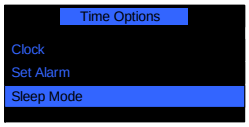
Alarm Time
When this menu option is highlighted and selected the current alarm setting is displayed. The factory default is **12:00PM**. Use the category Up/Down buttons to highlight either the hours, minutes or AM/PM for adjustment. Once highlighted, use the Channel Up/Down buttons to adjust the selection. **AM** or **PM** will also switch automatically when the AM or PM threshold has been exceeded. When the desired time is displayed, press the SELECT button to enter.

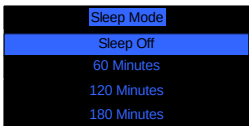
NOTE: Loss of the satellite signal by the XR9 will result in a series of alarm tones only.

Sleep Mode
In this mode, you have the capability of programming the unit to shut off after a selected period of time. The screen displays **Sleep MODE** on the top line, with optional time settings as follows:

Sleep Off (Factory Default)
60 minute
120 minutes
180 minutes

Sleep Off is the factory default setting. Use the Channel Up/Down buttons to scroll through the desired sleep times. When the desired time is highlighted, press the SELECT button. The unit will now turn off after the selected time has expired.





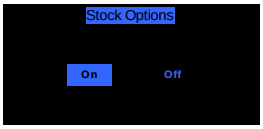
Stock Options

The following stock options are available:

Stock On/Off
Stock Add
Stock Erase

Stock On/Off

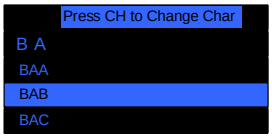
When this menu option is highlighted and selected, you will be able to turn the stock ticker on or off. Highlight the desired function, on or off, using the Channel Up/Down buttons and press the SELECT button to enter. When the stock ticker is off, stock information will not be shown when the DISPLAY button is pressed.

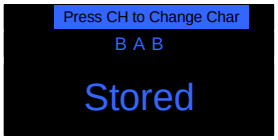


Stock Add

When this option is highlighted, press the SELECT button to display Enter Stock Symbol screen which shows a maximum of 8 character spaces for symbol entry and search. To perform an alphanumeric symbol search, use the Channel Up/Down buttons to select the first character in the symbol name to be entered; **Searching** will momentarily appear on the display. Then press the SELECT button to access the stock list beginning with that character.

You now have the option to either search this list for the desired symbol or further fine-tune your search by entering the next significant character. Use the Channel Up/Down buttons to search the list or, by pressing the Category Down button and then the Category Up button, highlight the next character. Repeat this procedure to access other required characters and then press the SELECT button to enter the stock symbol list. After entering the each character, search the list for your complete stock symbol using the Channel Up/Down buttons. When the symbol is located, press the SELECT button to enter. A **Stored** message momentarily appears on the display to confirm your selection.

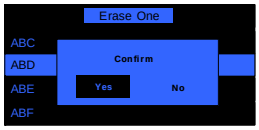




Stock Erase

When this option is highlighted, press the SELECT button to display the erase options; **Erase One** and **Erase All**.

If Erase One is highlighted and selected, a list of all currently stored stock symbols is displayed. Using the Channel Up/Down buttons, highlight the stock symbol to be erased.



Once highlighted, press the SELECT button to display the pop-up confirmation screen with the **Yes/No** options. Highlight the **Yes** selection to erase the current stock symbol. A pop-up screen appears to confirm **Stock Erased**.

If **Erase All** is highlighted and selected, all of the currently stored stock symbols will be erased from memory if the **Yes** option is highlighted and selected.

Info Extras

When this option is highlighted, press the SELECT button to display the available Info Extras display options; namely, **Sports**, **News** and **Horoscopes**.

When Sports is highlighted and selected, the following list of sports venues appears:

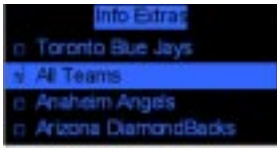
- **MLB**
- **NFL**
- **NBA**
- **NHL**
- **Nascar**
- **Golf**

NOTE: **Info Extras** information is subject to current availability; check the XM website for updates

- **Tennis**
- **NCAA Basketball**
- **NCAA Football**

Use the Channel Up/Down buttons to highlight the desired sport, and press the SELECT button to enter. Notice that sports leagues, such as Major League Baseball, is displayed with an arrow to the left; this means that each team (or **All Teams**) is available for display when highlighted and selected. Once selected, a box appears next to the team name; press the SELECT button and a check mark appears within the box.

The remaining sports venues, such as **Nascar**, each display a box adjacent to the name; when any of these are highlighted and selected, a check mark appears within the box.



When News is highlighted and selected, the following list of news categories appears on the display:

- **Headlines**
- **World**
- **National**
- **Sports**
- **Entertainment**

NOTE: News and associated options are only available during XM Transmissions

Use the Channel Up/Down buttons to highlight the desired news report, and press the SELECT button to enter. Each item displays a box to the left; when any item is highlighted and selected, a check mark appears within the box.

When **Horoscopes** is highlighted and selected, each of the 12 horoscope signs appears on the display with a box next to the sign. When any sign is highlighted and selected, a check mark appears within the box.

The **Info Extras** information, if selected, will appear on the default display in either page mode or scroll mode (See **Info Display Options.)** Please use the following procedure:

1. From the Artist/Song Title default display, repeatedly pressing the Display button will cycle through the following available display formats:

   Artist/Song Title>**Artist /Song Title** (Large Font)> Stock Ticker>**Info Extras**

   NOTE: Stock Ticker and Info Extras display format will only be available if these features have been activated by the user through the Main Menu.
2. While in the **Info Extras** display mode, repeatedly pressing the SELECT button will cycle through the various available **Info Extras** information. **Info Extras** information includes sports, news and other additional information services. The selected information type will be momentarily displayed in reverse image in the channel name area on the display.

Info Display Options

When this option is highlighted, two choices are available:

- **Display Mode**
- **Scroll Speed**

Press the Channel Up/Down buttons and then the SELECT button for the desired option.

Display Mode

when this option is highlighted and selected, additional options, **Scroll Mode** and P**age Mode**, are displayed. In scroll mode, the stock listings scroll across the display screen; in page mode, each of the stock listings appear for approximately 1 second on the left side of the display.

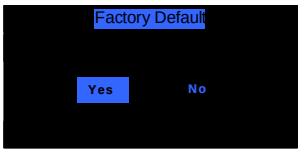
Scroll Speed

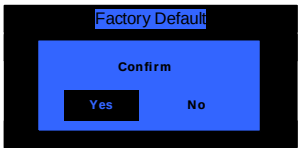
When **Scroll Speed** is highlighted and selected, **Normal** Speed and **Slow Speed** options are displayed. Use the Channel Up/Down buttons to high light the desired speed and press the SELECT button to enter. If **Slow Speed** is selected, it takes approximately 20 seconds for the ticker to scroll across the screen; in **Normal Speed**, the ticker crosses the screen in about half the time.

Factory Default

The Factory Default screen displays the text **Factory Default** with the following adjustments:

Yes/No





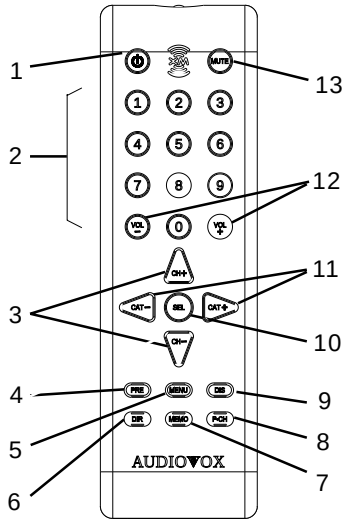
Upon entering this mode, pressing the Channel Up/Down buttons toggles between the **Yes** or **No** function/display selection. If **Yes** is chosen, the unit reverts to the original factory settings for the following parameters:

- All Presets revert to empty
- Normal Tuning Mode
- Display Contrast to 50%
- FM Modulator to On
- FM Frequency to 88.1MHz
- Access to all skipped channels (Locked channels remain locked)
- Audio Output Level to 70%
- Memory Search On
- Memory Locations are erased
- 12 Hour Clock Format
- Eastern Time Zone
- Daylight Savings Time Observed
- Alarm Off
- Alarm Time 12:00PM
- Sleep Mode Off

Remote Control Unit

The wireless remote control supplied with the XR9 is capable of operating most of the features from a remote location. Each button on the remote control functions in the same way as the button on the XR9 unit. For a full description of a keypad button or function refer to the preceding sections in this manual. For optimal operation of the remote control, always aim it toward the Remote Sensor on the front panel of the main unit.

Remote Control Unit



1. **POWER** Turns the XR9 on and off.
2. **Presets 0-9** These buttons are used to directly enter a desired channel number. They are also used when entering and recalling preset channel numbers into memory.
3. **CH+/-** Used to access streams in ascending and descending order. Also used for adjustments in the various menus.
4. **PRE** Used to switch between the three preset bands A, B and C, and DIR (tuning).
5. **MENU** Used to access “Menu Options” which displays the user setup menu plus other feature/function adjustments.
6. **DIR** Selects direct tuning using the preset buttons.
7. **MEMO** Used to capture and store current program information.
8. **P CH** This button toggles between the current channel and the previous channel that was being listened to.
9. **DIS** Allows the user to choose one of three ways of presenting the Artist and Song title information on the LCD screen.
10. **SELECT** Used to confirm selection in various lists and menus.
11. **CAT+/-** Used to access categories in ascending and descending order.
12. **VOL +/-** Provide means of increasing and decreasing level of speaker audio output when used with XB3 Boom Box.
13. **MUTE** Allows the user to silence the audio signal.

Troubleshooting

FAULT	PROBABLE CAUSE	REMEDY
XR9 does not turn on	Blown fuse, power cable not properly connected	Check fuse check power cable
Check antenna display message	Satellite antenna not connected	Check satellite connection to XR9
	Antenna or cable is faulty	Contact system installer or vendor
Audio static or loss of clarity	FM modulator frequency contains static	Switch to another FM frequency
	Vehicle antenna not connected to radio	Check vehicle antenna cable.
No signal on XR9 display	Check for obstacles over or around antenna	Change location to eliminate nearby obstacles (bridges, etc.)
No sound	1. Audio cables not connected. 2. Incorrect FM modulator Frequency	1. Check cables at XR9 and radio. 2. Select another FM modulator frequency.

Specifications

Audio Output
(100-250 ohms): 650mV RMS Maximum

Power Supply: 6 Volt, Negative Ground, DC Input
CAUTION: Use only the Audiovox-approved adapter specified in the Home (XH9) and Vehicle (XC9) kit for the XR9 Satellite Radio Receiver, or the XR9 could could be severely damaged.

Dimensions
(W x H x D): 110.0mm x 71.0mm x 26.0mm
(4.30" x 2.8" x 1.02")

Weight 6.5 Ounces

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12 MONTH LIMITED WARRANTY

AUDIOVOX CORPORATION (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to an approved warranty station or the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, compact discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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